



# GDOT Publications

## Policies & Procedures

---

**Form Word:** DOT1903 - GDOT UAS Preflight Check Form

**Section:** Intermodal Programs

**Office/Department:** 3ADMINISTRATION

**Reports To:** oCOMSR CHIEF ENGINEER

**Contact:** 404-631-1000

[See Below.](#)

## GDOT UAS PREFLIGHT CHECK FORM

### *First flight of the day Checklist:*

- ☐ Ensure the aircraft is free of visible defects.
  - ☐ Complete aircraft assembly per Manufacturer's Manual.
  - ☐ Ensure fasteners and parts are secure.
  - ☐ Ensure batteries are fully charged.
  - ☐ Check mission planning documents; ensure paperwork is complete and up-to-date.
- Pilot Name: \_\_\_\_\_  
Date: \_\_\_\_\_

### *Pre-Flight Checklist:*

- ☐ Identify the flight crew members including the operator and the visual observer/s (if any) and ensure each member awareness of their mission role and responsibility.
- ☐ Establish and brief personnel on area of operation, launch/recovery zones, mission plan.
- ☐ Establish and brief personnel on contingency plans, failsafe point, and flight termination procedures.
- ☐ Ensure area is clear of non-participating spectators and hazards.
- ☐ Check that wind and weather are within acceptable operational limits.
- ☐ Power on system and check link.
- ☐ Complete Manufacturer's Manual preflight checklist.

### *Launch Checklist:*

- ☐ Position sUAS at launch point and establish personnel at designated locations.
- ☐ Verify personnel are prepared; verify cleared surrounding area and airspace.
- ☐ Ensure all communication links are established and in a reliable working condition
- ☐ Initiate launch sequence per Manufacturer's Manual.
- ☐ Perform control maneuvers to ensure sUAS functionality and performance.

### *Landing Checklist:*

- ☐ Line up UAS for landing.
- ☐ Execute safe recovery sequence per Manufacturer's Manual and site-specific approach/recovery pattern.

### *Shut Down / Secure Checklist:*

- ☐ Unplug and remove UAS battery/batteries.
- ☐ Store batteries in a safe manner.
- ☐ Disassemble aircraft for transport or prepare for next flight.
- ☐ Complete post-flight documentation.

## References:

[Click here to enter Policy references, if any.](#)

## History:

Pilot name and Date added: 11/20/17;

new form: 11/07/17